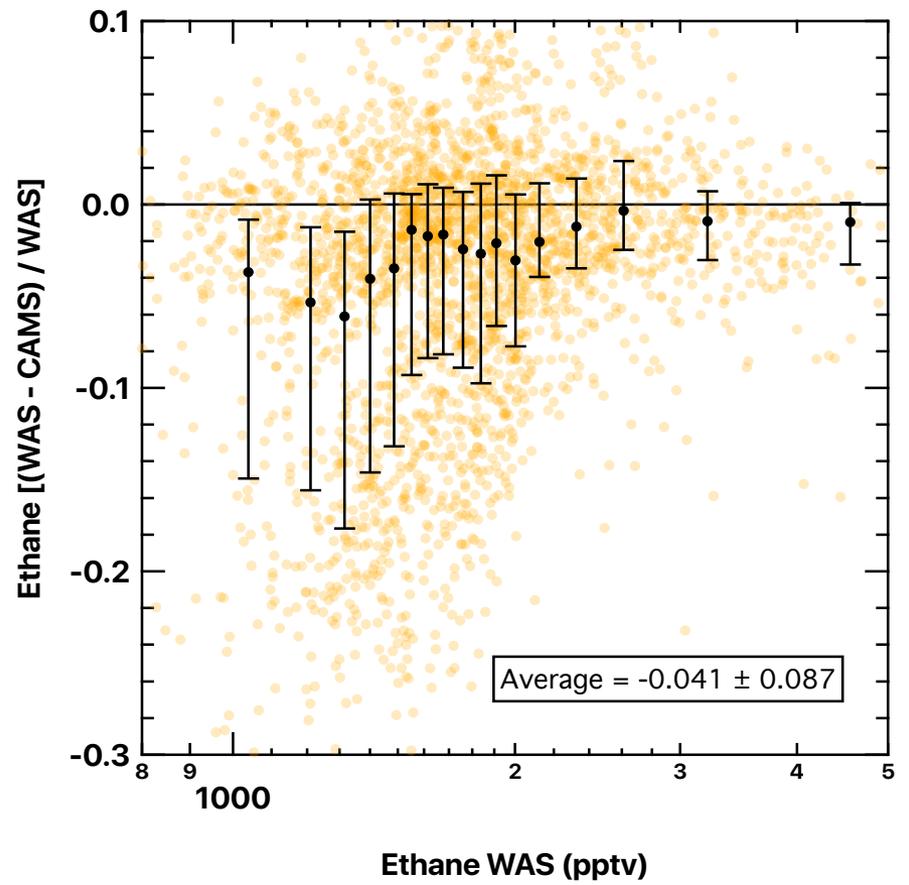
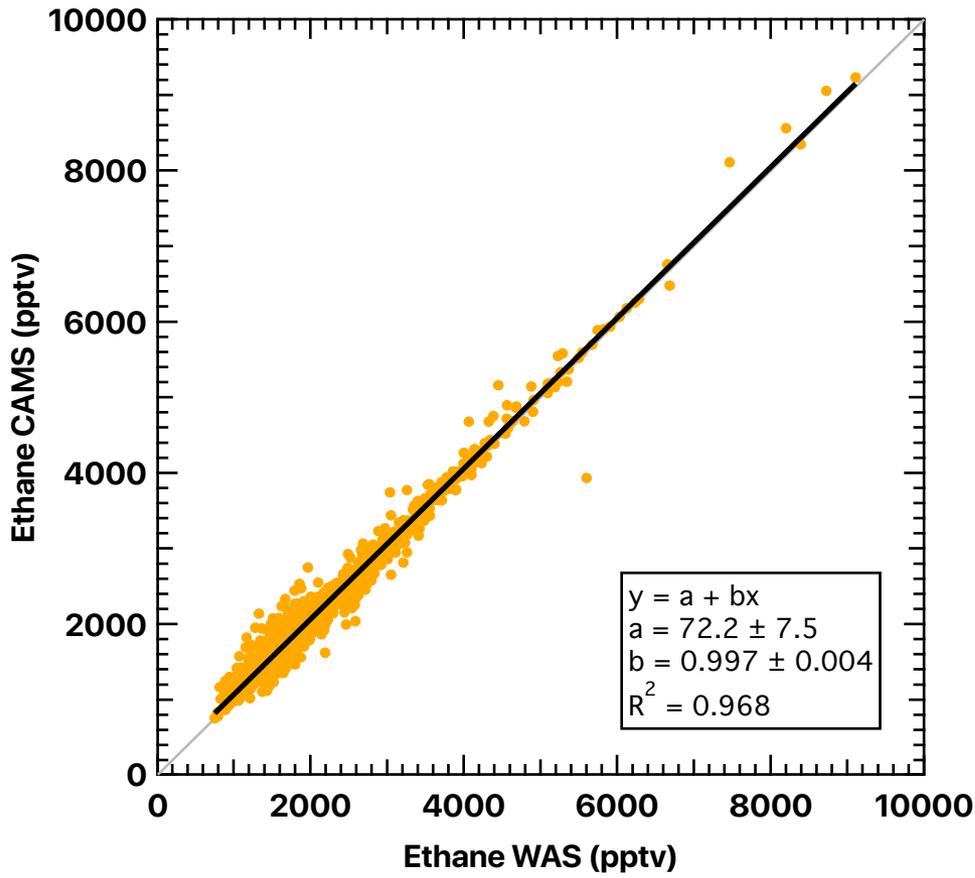


Ethane – U. of Colorado CAMS vs UCI WAS



┌─── 75th Percentile
● Median
└─── 25th Percentile

Data:

- WAS Merge: korusaq-mrgWAS-dc8_merge_20160426_R3_thru20160618.ict (only data from flights 20160501-20160609 used in analysis – non-transit flights)

Correlation:

- Fit lines are derived from orthogonal distance regressions.
- R^2 values are calculated independently, not from orthogonal distance regression.

Difference dependence on Ethane value:

- Relative Difference calculated by $[WAS - CAMS] / WAS$.
- Median, 25th, and 75th percentiles based on 150 data point bins after data is sorted by WAS values.